

**CLAIMS**

1. Image display apparatus which combines low and high resolution image data in a common data format prior to display.
2. Image display apparatus according to claim 1 in which a high resolution image is resampled to increase the pixel count to that of the highest resolution imagery.
3. Image display apparatus according to claim 1 in which a high resolution image is interpolated to increase the pixel count to that of the highest resolution imagery.
4. Image display apparatus according to claim 1 in which the composite imagery is stored in a frame buffer.
5. Image display apparatus according to claim 4 in which the frame buffer is segmented to drive a matrix of display devices.